

REMARKS

Applicant has carefully reviewed and considered the Office Action mailed on December 22, 2008, and the references cited therewith.

Claims 6, 9, 17, 20, 22, and 27 are amended, claims 21 and 28 are canceled, and no claims are added; as a result, claims 6-20, 22-27, 29, and 30 are now pending in this application.

35 USC § 103 Rejection of the Claims

Claims 6-13, 15, 17-24, 27, and 30 were rejected under 35 USC § 103(a) as being unpatentable over Gonzalez et al. (U.S. Patent Publication No. 2004/0250046) in view of Leyonhjelm et al. (U.S. Patent No. 6,973,135). Claims 14, 16 and 29 were rejected under 35 USC § 103(a) as being unpatentable over Gonzalez et al. (U.S. Patent Publication No. 2004/0250046), in view of Leyonhjelm et al. (U.S. Patent No. 6,973,135), and in view of Agee et al. (U.S. Patent Publication No. 2004/0095907). Claims 25 and 26 were rejected under 35 USC § 103(a) as being unpatentable over Gonzalez et al. (U.S. Patent Publication No. 2004/0250046), in view of Leyonhjelm et al. (U.S. Patent No. 6,973,135), and in view of Snyder (U.S. Patent Publication No. 2005/0138323).

The examiner has cited the Leyonhjelm reference to show “demultiplexing the data stream into overlapping segments.” Applicants have amended independent claims recite demultiplexing the data stream at a first data rate into overlapping segments at a lower rate, and operating on the overlapping segments in parallel at the lower data rate. This is taught in the application as filed at page 7, lines 3-6.

Applicants respectfully submit that the cited references do not disclose operating the parallel PEs at a lower data rate as claimed. Accordingly, Applicants believe the claims are now in condition for allowance.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (952-473-8800) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 50-4238.

Respectfully submitted,

Hooman Honary et al.

By their Representatives,

CUSTOMER NUMBER: 45445

Telephone Number: 952-473-8800

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By /Dana B. LeMoine/
Dana B. LeMoine
Reg. No. 40,062